Dustin Holland

06/03/2022

IT FDN 110A

Assignment 08

Objects & Classes

**Introduction:**

In this week’s assignment, my task is to use the professor’s pseudo code and to create a script. The script will demonstrate how to use classes and objects.

**Updating Header:**

As always, the first step in these assessments is to update the header with my information:

Text

Description automatically generated

**Class Product:**

My first task in this assessment, is to add code to the **class** product. There was some helpful docstring to get me started. To start, I defined a method with product name (string) and product price (float). I bound the attributes using the .self. Next, I defined product\_name and product\_price and included some basic exception handling:  
Text

Description automatically generated

I’m not sure if I did this portion of the assignment correctly – I tried to define as many functions as I could. However, I have been referring to my book and the video’s and I am still having difficulty grasping the concept of classes. I was able to produce this by looking at assignment 8 programming notes.

**File Processing:**

For this section of the script, I used some of my previous code (and watched explanation modules from the professor) to assist. The exception handling inputted is mirrored in both the save and read data to file. The one issue I’m having (similar in previous modules), I cannot remove the item from the list.

Text

Description automatically generated

**Presentation**

I was able to reuse most of my code from previous modules to piece this together. The only thing I added was exception handling- so if a user enters a string instead of an integer they will receive an error.

Text

Description automatically generated

**Main body of Script:**

I was able to leverage my defined functions to allow the user to navigate the menu and select:

Text

Description automatically generated

PyCharm and CMD Prompt Test:  
Text

Description automatically generated

Everything seems to work – however, I cannot remove an existing product…

Text

Description automatically generated

**Summary:**

I’m not comfortable working with classes or objects – if it wasn’t for the programming notes and countless YouTube videos, I would have been more lost than I am. Are there any resources that you can recommend to better understand these topics?